PATENT COOPERATION TREATY

From the INTERNATIONAL SEARCHING AUTHO	RITY				
To: KURT R. GANDERUP 26877 TOURNEY ROAD VALENCIA, CA 91355-1847		PCT WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY			
		(PCT Rule 43bis.1)			
		Date of mailing (day/month/year) 25 APR 2007			
Applicant's or agent's file reference		FOR FURTHER ACTION			
USB-424		See paragraph 2 below			
International application No.	International filing date	(day/month/year)	Priority date (day/month/year)		
	24 March 2005 (24.03.2		24 March 2004 (24.03.2004)		
International Patent Classification (IPC) o	r both national classification	tion and IPC			
IPC: A01N 59/14(2006.01); D06M 1 USPC: 424/659,660,657;8/116.1	1/00(2006.01)				
Applicant		•			
U.S. BORAX INC.					
		 	,		
1. This opinion contains indications rela	ting to the following iten	ns:	•		
Box No. I Basis of the opinion					
Box No. II Priority					
Box No. III Non-establishment of opinion with regard to novelty, inventive step and industrial applicability					
Box No. IV Lack of unity	y of invention		•		
Box No. V Reasoned statement under Rule 43bis.1(a)(i) with regard to novelty, inventive step or industrial					
applicability; citations and explanations supporting such statement Box No. VI Certain documents cited					
Box No. VII Certain defects in the international application					
Box No. VII Certain detects in the international application					
International Preliminary Examining Authority other than this one to be the that written opinions of this Internation If this opinion is, as provided above.	Authority ("IPEA") ender IPEA and the chosen onal Searching Authority considered to be a writ	xcept that this does IPBA has notified the will not be so considered the so considered the IP	EA, the applicant is invited to submit to the		
mailing of Form PCT/ISA/220 or bet	fore the expiration of 22	nendments, before the months from the price	rity date, whichever expires later.		
For further options, see Form PCT/ISA/220.					
3. For further details, see notes to Form	PCT/ISA/220.				
Name and mailing address of the ISA/ Us Mail Stop PCT, Attn: ISA/US Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450	Date of completopinion O1 April 2007		Authorized officer D. Restrict Mina Haghighatian Telephone No. 571-272-0600		

Facsimile No. (571) 273-3201
Form PCT/ISA/237 (cover sheet) (April 2005)

WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY

International application No.

PCT/US05/09931

Box No	o. I Basis of this opinion						
1. With regard to the language, this opinion has been established on the basis of:							
\boxtimes	the international application in the language in which it was filed						
	a translation of the international application into, which is the language of a translation furnished for the purposes of international search (Rules 12.3(a) and 23.1(b)).						
2. With regard to any nucleotide and/or amino acid sequence disclosed in the international application and necessary to the claimed invention, this opinion has been established on the basis of:							
a.	type of material						
-	a sequence listing						
	table(s) related to the sequence listing						
b.	format of material						
	on paper						
	in electronic form						
c.	time of filing/furnishing						
	contained in the international application as filed.						
	filed together with the international application in electronic form.						
·	furnished subsequently to this Authority for the purposes of search.						
·							
3.	In addition, in the case that more than one version or copy of a sequence listing and/or table(s) relating thereto has been filed or furnished, the required statements that the information in the subsequent or additional copies is identical to that in the application as filed or does not go beyond the application as filed, as appropriate, were furnished.						
4. Additi	ional comments:						
į							
·	7/10 A /00/2/(Dev. No. 1) / A '1 000/C)						

WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY

International application No. PCT/US05/09931

MATERIALIZATION OF STREET, AL	Inoria					
Box No. V Reasoned statement under Rule 43 bis.1(a)(i) with regard to novelty, inventive step or industrial						
applicability; citations and explanations supporting such statement						
1. Statement						
Novelty (N)	Claims	1-23	YES			
		NONE	NO			
`	``,	•				
Inventive step (IS)	Claims	NONE	YES			
	Claims	1-23	NO			
•			•			
Industrial applicability (IA)	Claims	1-23	YES			
	Claims	NONE	NO			
2. Citations and explanations:						
Claims 1-23 meet the criteria set out in PCT Article 33(2), because the prior art does not teach or fairly suggest a method of inhibiting the crystallization of boric acid comprising the steps involved or a method of protecting wood or lingocellulosic-based products against decay and insect attack comprising the steps involved.						
Claims 1-11 and 21-23 lack an inventive step under PCT Article 33(3) as being obvious over Hammons et al (5,928,672). Hammons et al disclose a polyborate composition suitable for use in agricultural fertilizer preparations. The polyborate is formed as the reaction product of a boric acid compound with one or more cyclic amines in aqueous solution. The resulting polyborate is extremely temperature stable and does not crystallize during preparation, storage or use. A method of preparation necessary to result in a non-crystallizing polyborate is also provided.						
Claims 12-15 lack an inventive step under PCT Article 33(3) as being obvious over Rearick (6,488,718). Rearick discloses compositions and methods of rendering cellulosic materials fire retardant, and articles of manufacture including the materials are disclosed. The compositions include an amino acid, protein and/or peptide and optionally include one or more crosslinking and/or coupling agents.						
Claims 16-20 lack an inventive step under PCT Article 33(3) as being obvious over Poppen et al (6,123,756). Poppen et al teach a wood-protecting agent, particularly for protection of wood against dry-wood destroying insects, which comprises a wood preservative carrier and the combination of at least one insect juvenile hormone or their analogue or mimetics and one or more triazole compounds to achieve a synergistic increase in effectiveness of said formulation.						
	•	·				
Claims 1-23 meet the criteria set out in PCT Article 33(4), and thus have industrial applicability because the subject matter claimed can be made or used in industry.						
			·			
	-					
		•				
		-				